



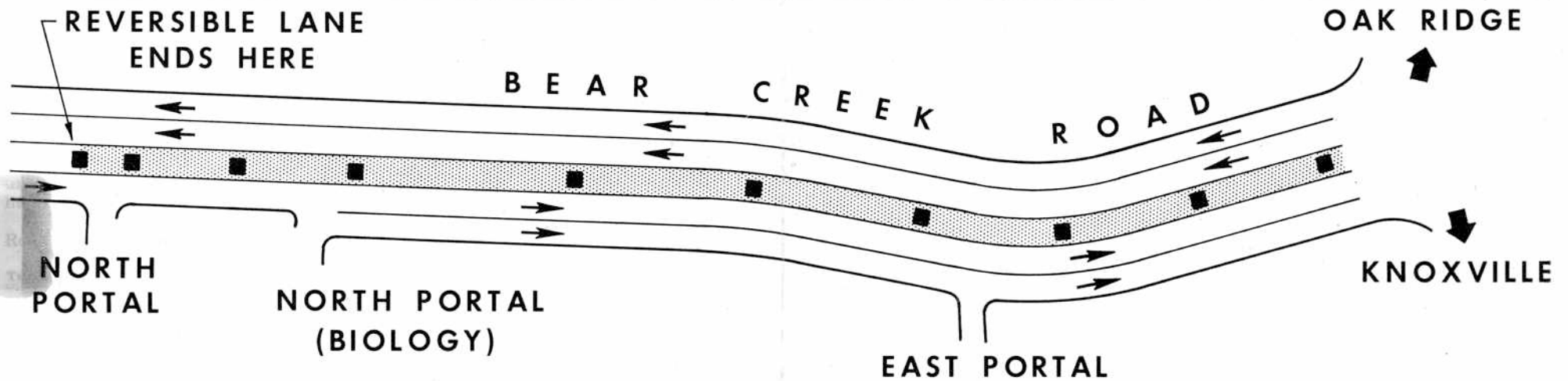
# — Y-12 BULLETIN

A Newspaper For Y-12 Employees of Union Carbide Corporation—Nuclear Division

Vol. 22 — No. 33

OAK RIDGE, TENNESSEE

Wednesday, August 28, 1968



## Dr. Charles A. Blake Appointed Equal Employment Opportunities Coordinator

Serves As Chairman Of the Nuclear Division's Advisory Committee For Professional Staffing



Charles A. Blake

The appointment of Dr. Charles A. Blake to the newly established position of Equal Employment Opportunities Coordinator for the Nuclear Division, Union Carbide Corporation, is announced by Dr. C. E. Larson, president of the Nuclear Division. Dr. Blake's appointment will be effective September 1.

Blake, who is chairman of the Nuclear Division's advisory committee for professional staffing, has been a member of the staff at Oak Ridge National Laboratory for the last 18 years.

Commenting on the appointment, Dr. Larson stated: "Union Carbide has an active program to afford all men and women, of all religions, races, colors and national origins, equal opportunity for employment. Dr. Blake has a deep interest in this field and we are confident the program in the Nuclear Division will make great strides under his direction."

A native of Stamford, Connecticut,

icut, Blake received his bachelor's degree from Yale University in 1947, and, three years later, his PhD in physical chemistry from Yale.

He joined the staff of the Oak Ridge National Laboratory in 1950 as a research chemist, and served later as a group leader in the Chemical Technology Division, ORNL. His major research interests are in the field of separations technology. He is the author or co-author of 23 professional publications.

Since 1958 he has participated in the recruiting of persons with college degrees. In addition to his activities as Equal Employment Opportunities Coordinator, Blake will continue to serve on the advisory panel for professional

Continued on Page 4

## Next Monday Official Holiday For Y-12ers

Monday, September 2, is an official holiday for most Y-12ers, as the nation salutes its brawn and muscle. Labor Day is the oldest official holiday the nation observes.

No employee is required to be at work unless his presence is required for continuous operation or the protection of the plant.

## Instrument Society Meeting Next Wednesday

Regular meetings of the Oak Ridge Section of the Instrument Society of America will be resumed next Wednesday, September 4, after the summer hiatus. The meeting will be held in Oak Ridge at the Elks Club on Arkansas Avenue. A social hour begins at 6 p.m. and will be followed by dinner at 6:45 p.m., with a speaker at 7:45.

P. R. Bell, of the NASA Manned Space Flight Center at Houston, Texas, will speak on "The Lunar Receiving Laboratory."

## Directional Lane Lights Will Help Traffic Flow For Y-12

Y-12 is taking another 'giant step' in alleviating traffic headaches as construction began this past weekend on the repaving of Bear Creek Road. Construction engineers said that the base coat would be applied this past Saturday and Sunday and that finishing coats would be put down immediately thereafter. Striping will also take place this week, if weather permits.

Directional lights will go operational just as soon as the stripes are painted. There will be three lanes out at shift time in the afternoon . . . three in every morning. The overhead lights will show whether the lane is 'go' or not. A red 'X' means that oncoming traffic has that lane . . . so you'd better stay out of the way.

Another indication of the concern over traffic problems is the addition of 1,221 more parking places at various portals planned

this year. Take a look at the additions.

Portal	Present Capacity	To Be Added
Bear Creek	463	—
West	789	744
Central	705	186
North	1,060	163
Biology	110	—
East	427	—
New Hope	113	128

Totals 3,667 1,221

West Portal's parking capacity is almost doubled . . . and Central and North Portal gain almost two hundred extra spaces each.

Extreme care and caution is the watchword for Y-12ers for this week and probably next. Until we get accustomed to the directional lane lights, we should take extra precautions to see that we stay in the proper lanes.

The extreme left lane, as always, is for Knoxville-bound traffic. Directional lane lights are already in use on Solway Road (Bethel Valley) which is speeding the flow of traffic to and from Knoxville considerably.

Barricades, along with a flagman, were expected on part of the lanes this week. The indulgence of employees is requested, as construction will necessitate rather complicated patterns of traffic for this period.

Temporary markings (sandbags) will be used at the intersection of Bear Creek and Scarborough Roads until a traffic flow study is completed, to define the best practical layout possible for traffic flow in and out of Y-12. Permanent markings will replace the sandbags after the study is completed.

With a little bit of courtesy, a whole lot of patience, and an extra serving of caution . . . the readjustment period to the new system should be experienced with as little a snarl-up in traffic as possible.

COURTESY IN THE PARKING LOT, AS WELL AS ON THE HIGHWAY, GOES A LONG WAY.

## Dr. Lincoln Speaker At Thermonuclear Meet

The Thermonuclear Division announces a seminar for tomorrow. Dr. T. A. Lincoln, ORNL Health Division, will discuss "Prevention of Coronary Heart Disease."

The seminar is set for tomorrow, Thursday, August 29, at 3:15 p.m. in the TD Conference Room, Building 9201-2.



THE PLANT SHIFT SUPERINTENDENTS DIVISION recently 'graduated' five pretty misses from the Clerical Methods Training Course. About 100 Y-12ers have participated in the eight-sessions, four-week course which teaches office etiquette, telephone techniques, etc. The class recently heard experts in make-up to be worn at work. Above, Division Superintendent George Evans observes as teacher Mable Tyer presents certificates to the PSS grads. From Evans, reading left, are Brenda Roberts, Patricia Kline, Donna Carver, Marjorie Duncan, Carol Braden, and Instructor Tyer.

## SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
156 Days Or  
4,661,000 Man-Hours  
(Unofficial Estimate)  
Through August 25  
Without a Disabling  
Injury  
Safety At Home  
At Work, At Play



# The Bulletin

Published Weekly For The  
Y-12 Employees Of  
UNION CARBIDE  
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor



American Association Industrial Editors

OFFICE

Post Office Box Y  
Oak Ridge, Tenn. 37830  
Telephone 3-7100

## Leo E. Coling Is Only August Retiree

General Machine Shop  
Man Leaves Friday



Leo E. Coling

Only one retirement is listed for Y-12 at the end of August . . . as Leo E. Coling, General Machine Shop, enters the ranks of 'graduated' Union Carbiders.

Coling, a native of Woburn, Illinois, lives at Route 18, Solway Road, Knoxville. He worked with the Pet Milk Company, as a machinist, in Greenville, Illinois, from 1921 until 1950. He worked briefly with the Baughman Manufacturing Company, Jerseyville; and the Getz Hardware and Electric Company, Greenville, Illinois, before coming here February 26, 1951.

The retiree has two daughters . . . Joyce Lima (a subject of an article a few years back in the Bulletin), Carolyn Ann Belew, and a son, David M. Coling. He has one grandson in Brazil. Joyce served two terms in the Peace Corps and is now living in Brazil with her husband and son.

Mrs. Coling, the former Sylvia Nelson, passed away this past March.

The retiring Y-12er wants to 'take it easy' at his Solway Road home. He plans a trip to Brazil in the near future for a long visit with his daughter and grandson.

Best wishes to August's only retiree, Leo E. Coling.

## Special Thermonuclear Seminar Set Today

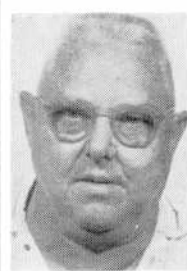
A Thermonuclear Division seminar is set today, as Dr. Raymond C. Elton, U.S. Naval Research Laboratory, Washington, D.C., will discuss "NRL Hard Core Theta Pinch Experiment."

The seminar is set today, Wednesday, August 28, at 3 p.m. in the TD Conference Room, Building 9201-2.

It is always time for security.

## Harris Rites Are In Oak Ridge

The passing of Mr. Jones M. Harris is noted with sadness. Mr. Harris died Thursday, August 22.



Mr. Harris

He came to Y-12 the second time December 28, 1950. Early in his career he worked with the Tallassee Mills, in his native Tallassee, Alabama. He came to Y-12 first in 1944 and worked until 1947. He went with the E.A.T. Stores, Oak Ridge, and worked there until he returned to Y-12. Survivors include his wife, Mrs. Allie Jackson Harris; Michael Jackson Harris, son; and a granddaughter, both of Oak Ridge; sister, Mrs. Lela H. Beavers, East Tallassee; and brother Guy J. Harris, Huntsville, Alabama.

Funeral services were held Saturday, at 10 a.m., August 24, at Martin Funeral Home with the Reverends Dye and Goode officiating. The Order of Eagles was in charge of services. Interment followed in the Oak Ridge Memorial Park.

Sincere sympathy is extended the Harris family.



Ride wanted from Green Hill addition, Sweetwater, to North Portal, F Shift. C. M. Romine, plant phone 3-7102.

Will join car pool from Emory Heights, Oak Ridge, to Central Portal, straight day. J. C. Franklin, plant phone 3-5066, home phone Oak Ridge 483-0993.

Will join car pool from Highland School area, Oak Ridge, to East Portal, straight day. Ronnie Norris, plant phone 3-7923, home phone Oak Ridge 482-3652.

Will split costs with riders to California, leaving Sunday, September 1. Tom Clarke, plant phone 3-6781.

Ride wanted, or will join car pool from Cherokee Hills, Kingston, to North Portal, straight day. Larry Jones, plant phone 3-5931.

Riders wanted from Fountain City area, Knoxville, to all portals, straight day. F. E. Clevenger, plant phone 3-5095, home phone Knoxville 522-7393.

Ride wanted from Norwood Area, Kentwood, to East or North Portal, straight day. Joan Clouse, plant phone 3-5968, home phone Knoxville 689-4874.

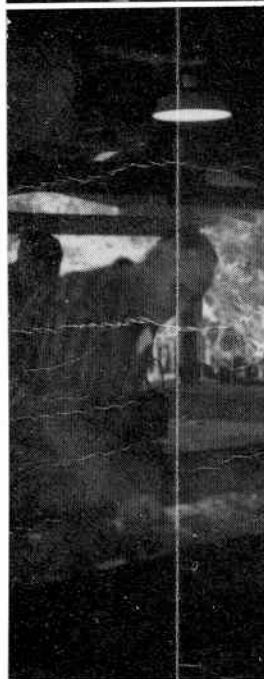
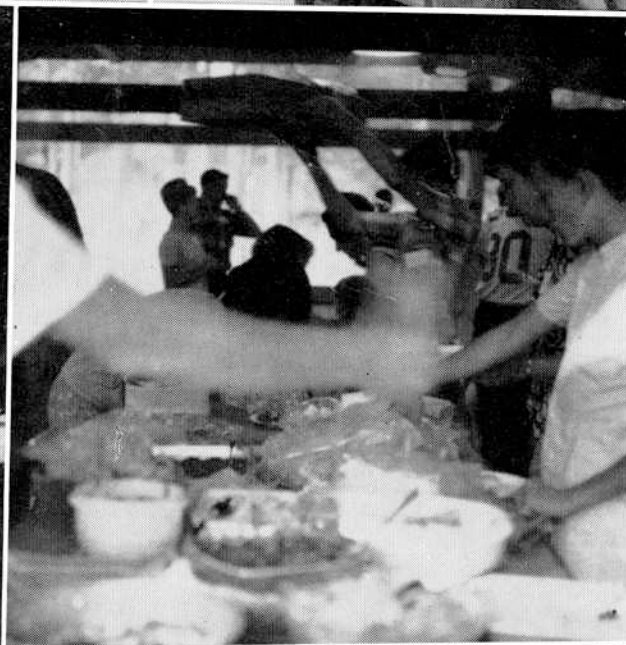
Car pool member wanted from Norwood section, Knoxville, to any portal, straight day. Gene Keith, plant phone 3-5698, home phone Knoxville 689-2229.

## Another Reason Given For Giving Up Smoking

Smoking and matches annually rank as the number one cause of fires in the United States. Last year alone, reports the National Fire Protection Association, 160,000 building fires were begun through careless handling of smoking materials, another good reason for giving up the 'weed.'

## FOOD POISONING

Food poisoning, even in its mildest forms, is highly unpleasant. If there is any question about the freshness of food, it should be disposed of.



THE GRAPHICS AND PUBLIC INFORMATION DEPARTMENT chose a Friday afternoon in August for a big feed at the Clark Center Recreation Park. Departments and employee groups are always welcome at the picnic-swimming area, but reservations are advised for larger groups. Tables and dates may be confirmed through the Recreation Department, extension 3-7109.



## Hamill-Plemons Cinch SW League

Bill Hamill and Raymond Plemons capped honors in the Southwest Point Golf League last week, cinching the title in the 13th match. They took a six-point forfeit win from Goodwin-Tuell.

Other matches saw the Trues with four from Garber-Huddleston, and Mee-Wright four from Groppe-Argo. The Ludwig-East, Pryson-Ellis tilt ended in a draw, both teams sharing three.

Bill Mee came through with low scores of the week . . . a one-under par 35 . . . both scratch and handicap.

Another week remains in the Roane County League.

League standings follow:

Team	W	L
Hamill-Plemons	60	18
Pryson-Ellis	52	26
True-True	51	27
Mee-Wright	40	38
Ludwig-East	36	42
Groppe-Argo	27	51
Garber-Huddleston	24	54
Goodwin-Tuell	20	58

## Recreation



Sunday, September 1

SKEET TOURNAMENT: 1 p.m. Oak Ridge Sportsmen's Association.

Monday, September 2

LABOR DAY: Holiday for Y-12.

Tuesday, September 3

PHYSICAL FITNESS: (Men) 7:30 p.m. Oak Ridge High School Gym.

PISTOL LEAGUE: 6:15 p.m. Oak Ridge Sportsmen's Association.

Wednesday, September 4

GOLF: 4:30 p.m. deadline for Saturday, September 7 Tournament.

GOLF: Melton Hill League, after work, Melton Hill, Clinton.

BOWLING: 8 p.m. Mixed League, Ark Lanes.

Thursday, September 5

HORSESHOE: 7 p.m. City Courts, Jackson Square.

BOWLING: 5:45 p.m. Classic League, Ark Lanes.

## Playhouse Sets First Try-Outs

The Oak Ridge Playhouse will get its fall activities underway this next week with tryouts for its first production of the new season, a musical comedy, "A Funny Thing Happened on the Way to the Forum." Readings will be next Tuesday, Wednesday and Thursday, September 3, 4 and 5 at the Playhouse in Jackson Square beginning at 7:30 p.m. Director Paul Ebert needs to cast 12 men and seven women from age 20 up. Several of the cast members should have good singing voices but five of the girls just need to be nice to look at.

Experience in the theatre is not required and as usual, newcomers to the group are always welcomed and indeed necessary. Musical accompaniment will be provided by Mrs. Dale Fisher, musical director, and those trying out may bring their own material if they desire. No advance preparation is required, however.

Further information about the auditions and about the Playhouse may be obtained by calling Director Ebert, 483-1224, or 483-6193. Rehearsals will begin immediately and the show will open on November 8.

Security consciousness on the part of every employee is essential.



**A STRONG THREAT TO ANY** team in the Softball League is the Y-12 Eagle team . . . seen above. Kneeling, from left, are Roy Cooper, Kerry Mauldin, Gale Helton, D. H. Johnson, Fred Mundt, and Don Ferree. In the back row are Assistant Manager Frank Koon, Manager Hugh Richards, Tom Jay, George Bittner, Tom Watts, Wayne Speller and Jim Thompson.

## Braves Edge By Colts 9 To 4 As Umpire's Ruling Is Protested

The Y-12 Braves battled their way to the top of the Softball League last week. The deciding game, however, has been protested, and the outcome will be reported.

Initial action Monday saw the Braves barge their way past the Big Shops 11 to 6. Jim Shoemaker and Larry McDonald pushed their team across the finish line with two homers. Jack Davis did likewise for the losers.

The White Sox barely beat the Cardinals Monday 11 to 9. Ron Norris beat out a homer for the winning Sox team and Don Stinnett and Jerry Harris knocked four-baggers for the losing squad.

The Gashouse Gang ganged up on the Jay Birds in the final game Monday 18 to 9. J. W. Amburgey earned the only homerun of the game . . . on the losing side.

Tuesday's action saw the Big Shops beat the UCC All Stars 15 to 10 in a heated affair. The BS team saw Harley Law, R. Gibson and B. Brucker all knock homers.

The Gashouse Gang won their second game of the week, this time at the expense of the J-Birds. It closed out at 10 to 2. J. Medlin and G. Plunk both earned homers among the 10 runs.

The Jay Birds downed the Pirates in action Tuesday 10 to 8. C. Hill homered for the winning squad.

The Braves beat the Colts 9 to 4 in the questioned game of the week. A runner, forced at second, interfered with the second baseman's throw to first, according to the game officials. Not so, say the Colts . . . and at press time the protest had not been ruled on.

Steve Babb homered for the Braves. The Braves' big inning game in the sixth, as they scored three runs then.

The J-Birds jarred the Bat Boys 12 to 5 in the second game Thursday, as the near hundred degree weather continued. For the Birds it was Dave O'Kain and Al Fisher with homers. R. Green got one for the losing BB team.

The last game of the week saw the Pirates put a victory over on the Eagles 12 to 9. R. Greene and F. Mundt earned big homers for the losing Eagles.

League standings follow:

Team	W	L
Braves, Y-12	10	9
K-25 Colts	9	1
K-25 Gashouse Gang	7	3
Cardinals, Y-12	6	4
Pirates, Y-12	5	5
Jay Birds, K-25	5	5
Big Shops, Y-12	4	5
Bat Boys, Y-12	2	7
Beta Two, Y-12	2	7
UCC All Stars, Y-12	2	8
White Sox, Y-12	2	8

Note: The protested game is reflected in above standings.

## Durham-BaileyNew HossShoe Leaders

The Horseshoe League got new leaders last week as the Durham-Bailey team grasped seven points from Eubanks-Raper. The Allmon-Moody pair clipped nine away from Hutto-Tillery, via forfeit. The Luckett-Brock team did likewise over the Young-Holsopple duo.

League standings follow:

Team	W	L
Durham-Bailey, ORNL	27	9
Case-Miller, ORNL	24	3
Eubanks-Raper, Y-12	23	13
Allmon-Moody, ORNL	20	16
Reed-Stephens, Y-12	17	10
Luckett-Brock, ORNL	17	19
Gray-Copeland, ORNL	16	11
Young-Holsopple, ORNL	9	27
Wyatt-Hensley, Y-12	7	20
Hutto-Tillery, ORNL	2	34

A woman's soft cushion is her husband's hard cash.



**A BIG FIRST** is little Franklin E. Cox, III. He is the first grandson for F. E. Cox Sr., Machine Maintenance. After five granddaughters, too! He is the son of Mr. and Mrs. Franklin E. Cox Jr., born July 1, at Baptist Hospital.

## 3-Way Tie Is Whittle Story

A three-way tie resulted in Saturday's Whittle Springs Golf Tournament, as Carl Door, D. F. "Red" Leach, and Floyd H. Ludwig all two-over parred the Knoxville course with a 72. Bill Mee and W. F. Jones each carded a 73 score.

Handicap winners were Coy Harrell, 69; E. N. Rogers, 70; John Sewell and D. G. Lincoln, each with 71. John A. Griffin and John Baker each had 14 pars.

A total of 139 Y-12 duffers showed for the hot, sultry and humid tournament, played in near-100 degree weather.

### DIVISION II

H. B. Presley capped honors in flight two, with a five-over par 75. He was followed by Bob Haggood and Bruce Hogg, each with 76; and Carl T. Selvidge, 78. Handicap winners were listed as "Tudor" Boyd, 65; A. L. Sawyer, 66; G. A. Tedder, 67; and Bill Butturini and Ray Riggs, each with 68.

Charles Gaylor scored 13 pars, and Herman Stewart came up with 12.

### DIVISION III

Joe Comolander, with a 76, scored low scratch scoring in the third flight. Along came J. D. Ball, 82; J. P. Hunt and Gordon Hill, each with 83.

Handicap lows were Jerry Babb, 61; F. B. Parrott, 68; Joe Dick and B. B. Stanton, 69.

Jack Smiddy saw seven pars along with C. J. Williams.

### DIVISION IV

Don Ferree was the scratch winner in the fourth flight, with an 84 scratch score. He was followed by C. H. Pride, 88; E. W. Smith and Ray Ellis, 89.

Handicap winners were listed as Joe Pryor, 66; Fred Marshall, 67; R. J. East, 69; and W. R. McManus and C. E. Wuest, 74.

E. K. Cottongim took six pars and G. R. Bentley five.

The final tournament set for Y-12ers will be staged Saturday, September 7 at Wallace Hills. The coupon for entry appears in this issue of the Bulletin and will not appear again.

### THIEF OF SIGHT

More than 1,702,000 Americans over the age of 35 have glaucoma and half of them do not know it, warns the National Society for the Prevention of Blindness. Glaucoma, the "sneak thief of sight," may result in blindness unless detected early and treated continuously.

### CIRCULATION STOP

An engagement ring is a metal circle put on a girl's left third finger to stop her circulation.

## Tee-Off Time Application For Wallace Hills Tournament

Saturday, September 7

Foursome

\_\_\_\_\_, Leader

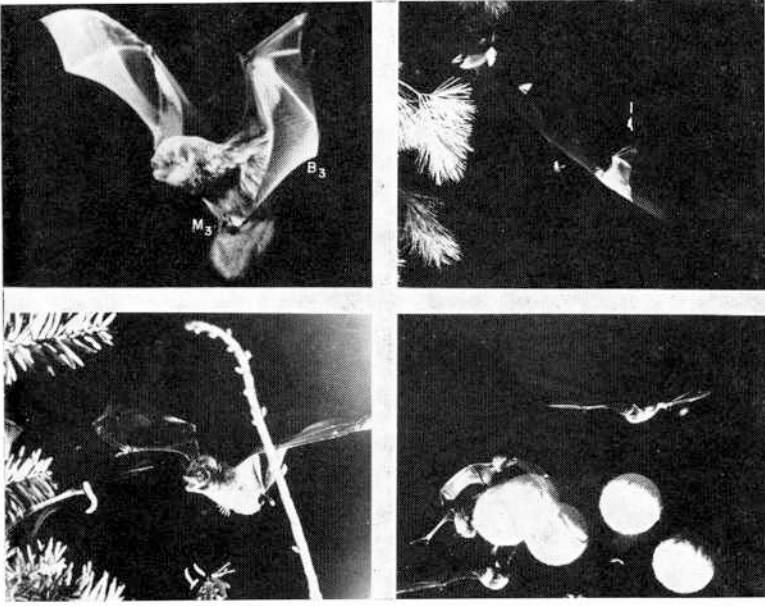
Leader's office phone \_\_\_\_\_

Home phone \_\_\_\_\_

Tee-off Time Preferred \_\_\_\_\_

Fill out completely and return to the Recreation Office, Building 9704-2 Deadline for entering is 4:30 p.m. Wednesday, September 4. Tee-off times will be drawn the next day, Thursday, September 5 at 8:30 a.m.





**THE LOWLY BAT HAS A COMPLEX**, miniaturized 'radar' system which cannot be approached by man's engineering. But man can learn from nature and the exciting new science of Bionics is the subject of "The 21st Century" episode, "Bats, Birds and Bionics," Sunday, September 1, at 6 p.m., EDT, in color on the CBS Television Network. The program is carried locally by WBIR-TV, Channel 10. The accuracy and precision of which the bat's system is capable is shown here in time-lapse photography as it (upper right) strikes a small moth in a tiny space between pine branches, (lower left) singles out a meal worm from the twigs of a yew tree, and (lower right) decides that a tennis ball (several result from multiple exposure) is not a meal and navigates around it in split seconds. Numbers (upper left) indicate positions of feet and wings as bat's reflex system prepares him to 'home in' on prey. CBS News Correspondent Walter Cronkite is principal reporter for the series which continues to be sponsored in the public interest by Union Carbide Corporation.

## Bat's Radar Is Studied In Bionics As Subject On '21st Century' Sunday

Despite man's capabilities and advanced technological breakthroughs, nature is still the teacher. The exciting new science, bionics, which studies the usefulness to man of living systems, will be explored in "Bats, Birds and Bionics," an episode of "The 21st Century," Sunday, September 1, at 6 p.m., EDT, in color on the CBS Television Network. The program is carried in this locale by WBIR-TV, Channel 10.

CBS News Correspondent Walter Cronkite is principal reporter for the series, which is sponsored in the public interest by Union Carbide Corporation.

Bionics is man's method of

copying such wonders of nature as the eye of a frog, the wing of a bat, or the flight of a pigeon. It is described in the report as "a method of copying useful engineering schemes from living things." One example is man's effort to imitate the "radar" system in the brain of a bat, which enables the flying mammal to locate food or obstacles as he flutters about.

The flexible wings of the birds have served as models for high-performance airplanes — without of course, the flapping. A bionic computer, which monitors the performance of the human pilot, applies the speed of electronic controls to help the pilot adjust to abnormal situations. This is demonstrated in a flight simulator at Wright-Patterson Air Force Base.

"Bats, Birds and Bionics" was written by Richard Slote. Fred Warshofsky is science editor of the series; Isaac Kleinerman is producer, and Burton Benjamin, executive producer.

"Bats, Birds and Bionics," Sunday, 6 p.m., WBIR-TV, Channel 10.

## Dr. Charles A. Blake

Continued from Page 1  
staffing.

Active in community projects, Dr. Blake was one of the organizers of the Oak Ridge Arts Council and is a former president of the Oak Ridge Playhouse. He is a member of the Board of Directors of the Campfire Girls and has supervised the dramatic worship program at the First Methodist Church, Oak Ridge.

Blake is married to the former Mary Fournad, New Haven, Connecticut. They have three children, Charles, III; Jody; and Wendy. The Blakes live at 100 Parker Road, Oak Ridge.

## CHEMICAL PROGRESS

Over 500 new and improved chemical products are placed on the market in this country each year.



'We're having a heat wave,' Ann Miller danced the tune out in one of those Ziegfield things back a few years ago. We're also having a wave of anniversaries in Y-12, as veterans with Union Carbide Corporation move along in company years. Congratulations.

### 25 YEARS

Walter M. Boatman Sr., Research Services, August 28.

Carl H. Roddy, Microreproduction and Engineering Services, August 30.

Floyd Queener, Buildings, Grounds and Maintenance Shops, August 31.

John D. Matmaker, Process Maintenance, September 3.

### 20 YEARS

Arthur J. Stewart, Radiation Safety, August 31.

### 15 YEARS

Richard T. Bell, Metallurgical Development, August 31.

Corder G. Clifton, Graphite Shop, August 31.

James L. Morgan Jr., Electrical Department, August 31.

Marshall N. Ward, Facilities Engineering, August 31.

Robert C. Waldrop, Ceramics and Plastics Development, September 1.

Jimmie C. Wilks, General Weld Shop, September 2.

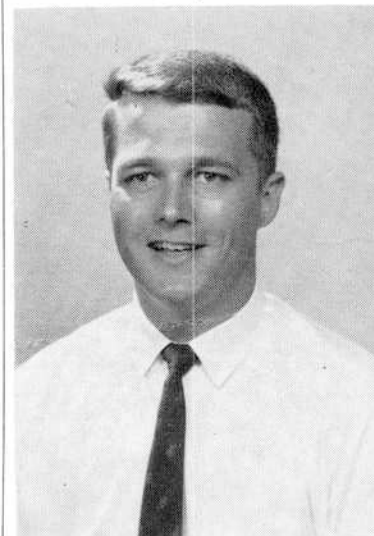
Hardin B. Renfro, Dimensional Inspection, September 3.

### 10 YEARS

James B. Stanton, Instrument Engineering, September 2.

## Jennings Son Earns PhD Degree At U.T.

To Teach Psychology  
At Randolph Macon



William N. Jennings Jr.

Saturday will be a very big day for the William N. Jennings family. At the University of Tennessee son William N. Jennings Jr. will be awarded his Ph.D. in experimental psychology. Jennings has accepted a position as associate professor of psychology at Randolph Macon College, Ashland, Virginia. He and his wife, the former Mary Kay Duggins of Norris, will leave Knoxville for Ashland to assume his new position on September 1.

William the second graduated from Norris High School in 1957, and from the University of Tennessee in 1961. He has served as district executive with the Boy Scouts of America both at Nashville and at Pulaski. He returned to the University of Tennessee in 1959 and received his masters in psychology in 1966.

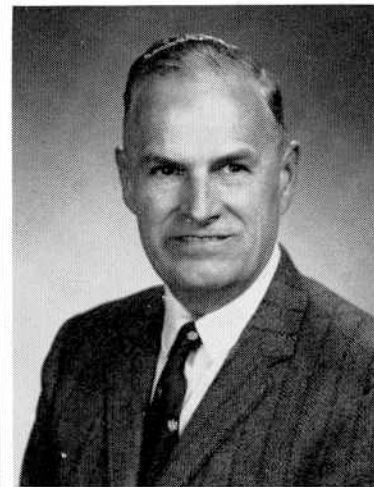
The Jennings parents live at 65 Pine Road, Norris. The father is in Y-12's Facilities Engineering.



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J. C. Little

## Little Attending International Meet

J. C. Little, Environmental Control Engineering, will present a paper this week at a symposium at the United Nations headquarters in New York. His paper is entitled "Air Cleaning at the AEC Y-12 Plant."

This paper describes some of the air cleaning requirements of production, research, development, and biological facilities in the Y-12 Area. Problems and their solutions in hazardous material containment, air cleaning, contamination control, and air pollution control are enumerated. Bioclean and laminar-flow clean rooms, germ-free supply air systems, exhaust systems for handling toxic and radioactive materials, virus containment and exhaust facilities are described. The Plant's practices regarding air cleaning are discussed including standardization of specifications for high efficiency particulate air filters and mounting frames, DOP testing of air filter systems, and the replacement of substandard filter installations.

In Y-12, scientists work in most fields of research associated with physical and biological sciences. At the same time, nuclear fabrication capabilities that are vital to the national defense of this country are maintained. As a result of this diversity of activity, air cleaning is a major consideration. Protecting the employees within the plant area and residents in surrounding areas from radioactive materials, toxic materials, and infectious organisms is of major concern. In addition, the protection of the biological experiments and experimental animals from both viable and nonviable particulates must be provided.

The symposium, the first to be sponsored by the International Atomic Energy Agency at the United Nations, is being held in cooperation with Harvard University and the Atomic Energy Commission. The subject for the meeting is operating and developmental experience in the treatment of airborne radioactive waste.

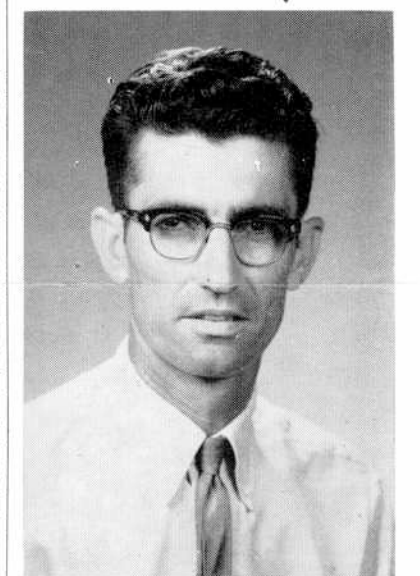
Other local participants include R. E. Adams, C. A. Burchsted, R. J. Davis, E. C. Parrish, R. H. Rainey and T. H. Row of Oak Ridge National Laboratory; and J. R.

## Auto Fatalities Drop Slightly For 1967

A total of 42,800 persons lost their lives in auto accidents last year in this country. As usual, the greatest cause was excessive speed . . . which accounted for 39 per cent of the fatalities. Reckless driving was the second highest cause (15.4 per cent), while 'did not have right-of-way' came in third with 14.3 per cent of the accidents.

More than 40 per cent of all fatal accidents in 1967 were from autos colliding with other automobiles. Pedestrian deaths last year topped out at 9,600.

## Wicker Promoted In Metal Prep



Thomas M. Wicker

The promotion of Thomas M. Wicker, 9215 Rolling Mill, is announced in Metal Preparation, effective September 1.

Wicker, a native of Niota, served in the U.S. Army from 1945 until 1947, in Italy; worked as an instrument mechanic in K-25 from 1944 until 1945. From 1947 until 1949 he was with the Dillinger & Duckett Mining Co., Athens; and from 1949 until 1960 he worked with the Crescent Hosiery Mill, Niota. He farmed until coming to Y-12 November 21, 1962.

Mrs. Wicker is the former Meda Anderson, and they live at Route 2, Niota. They have a daughter at home, Pamela, 10 years old. Two other daughters are married, Mary Jane Wilson and Connie Coffee.

The Wickers have a camper-trailer, and the new foreman says he likes to tinker with motor cycles. A lot of outdoor activities occupy him, too, including hunting and fishing.

Merriman of the Oak Ridge Gaseous Diffusion Plant.

More than 150 delegates are expected to attend the five-day meeting. It is set from August 26 until 30. Technical papers will be presented by scientists from Canada, England, France, Federal Republic of Germany, India, Japan, Korea, Mexico, Sweden, Yugoslavia as well as the United States.



**A CARBIDE** baby if there ever was one is David Clay Zava, four months old. He is the son of Mr. and Mrs. David T. Zava. His grandpop, Tom Zava is in K-25, and Tom's wife Sybil is in Y-12 Development. Aunts Andrea Zava and Linda Stair are also in Y-12. The youngster's parents will be moving to Jefferson City shortly where papa David will be a biology major at Carson-Newman College.